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DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON, D.C. 20315

IN REPLY REFER TO
ENGME-SE(21200)

28 April 1969

SUBJECT: Transmittal of Study

Commander
National Photographic Interpretation Center
ATTN:
Washington, D.C.

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1. The Engineer Strategic Studies Group (ESSG) has recently completed a study to evaluate the feasibility of using KH-4 satellite photographs for preliminary engineering planning of a typical Civil Works project of the Corps of Engineers. The project consists of locating and making preliminary engineering estimates for a proposed barge canal between Lake Michigan and the Wabash River. Volume I includes the text of the report, and Volume II consists of a base mosaic of KH-4 frames with six overlays to the mosaic.

2. The results of this study may be of interest to you. Environmental data and profile elevations as obtained from the photography were adequate to accomplish a preliminary study of the area. Conclusions of the study include recognition of several major problems for the proposed canal. Our primary conclusion was that satellite photography could be used satisfactorily as a primary source of data for preliminary engineering planning.

FOR THE CHIEF OF ENGINEERS:

2 Incl

1. Vol I
2. Vol II

Acting Chief
Engineer Strategic Studies Group

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